

60
S Y N O P S I S

OF THE

MEDICINAL CONTENTS

OF THE

Most Noted Mineral Waters,

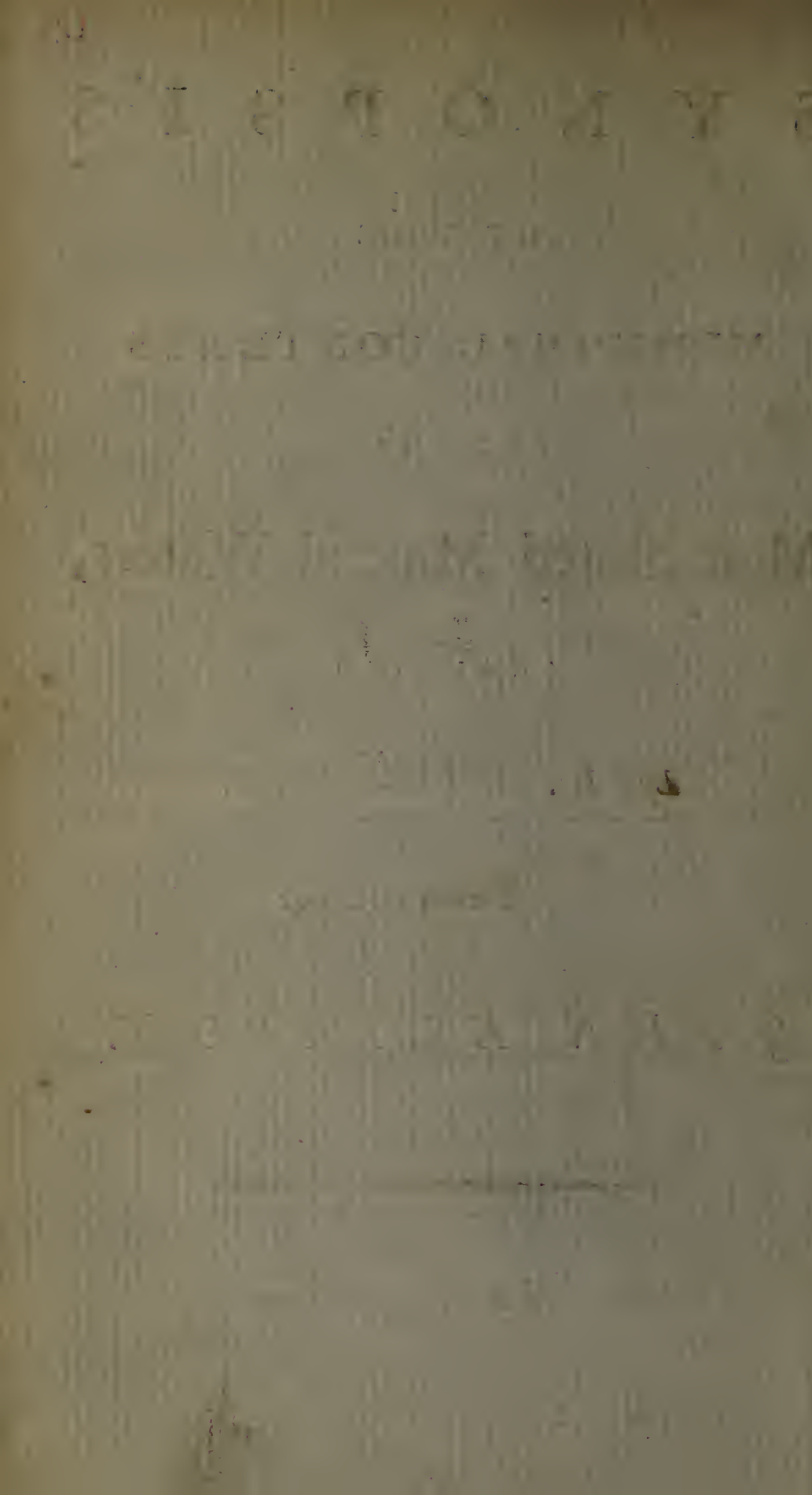
ANALYSED

By Dr. H I G G I N S,

AT THE INSTANCE OF

J O H N E L L I S O N.

M.DCC.LXXXI.



TILBURY

ALTERATIVE WATER,

A T

WEST TILBURY-HALL.

THE Water at West Tilbury-Hall, which I sealed at the Well on the 22d of September 1779, contains in each Winchester Gallon

	<i>dwt.</i>	<i>gr.</i>
Of calcareous earth, faturated with acidulous gas	}	1 13
Of true nitre, with basis of fixed vegetable alkali	}	2 1
Of sea salt	3	10
Of mineral alkali	0	1 $\frac{1}{2}$
Of mineral oleaginous matter by estimation ..	0	1 $\frac{1}{4}$
	7	2 $\frac{3}{4}$

Two quarts of acidulous gas, which in density is to temperate atmospheric air nearly as two to one, are contained in each gallon of this Water, beyond the quantity of acidulous gas retained by the calcareous earth, in the heat of boiling water,

Greek-street, Soho,
Oct. 11, 1779.

BRYAN HIGGINS.

BRISTOL

BRISTOL HOT-WELL WATER.

A Winchester gallon of Bristol Water contains

	dwt.	gr.
Of calcareous earth combined with vitriolic acid in the form of selenite	}	o 8 $\frac{1}{2}$
Of calcareous earth combined with acidulous gas		
Of marine salt of magnesia	}	o 12 $\frac{3}{4}$
Of sea salt		
		o 5 $\frac{1}{4}$
		o 6 $\frac{1}{2}$
		<hr/>
		1 9
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It moreover contains 8 ounce measures of acidulous gas, beyond the quantity retained by the calcareous earth in the heat of boiling water; and two ounce measures of air, equal, if not superior to atmospheric air in purity.



HARROGATE WATER.

A Winchester gallon of Harrogate Water contains

	oz. dwt. gr.			
Of calcareous earth saturated with acidu- lous gas.....	}	0	1	12 $\frac{1}{4}$
Marine salt of magnesia		0	4	23 $\frac{1}{2}$
Sea salt		1	7	12 $\frac{1}{4}$
		<hr/>		
		1	14	—
		<hr/>		

It moreover contains four ounce measures of acidulous gas, beyond the quantity retained by the calcareous earth in the heat of boiling water; and thirty-five ounce measures of foetid inflammable gas, such as may be extricated from calcareous liver of sulphur by vitriolic acid.



BATH WATER.

A Winchester gallon of Bath Water contains

	dwt.	gr.
Of calcareous earth combined with vitriolic acid in the form of felenite.	3	19 $\frac{9}{10}$
Of calcareous earth combined with acidulous gas		
Of marine salt of magnesia.	0	22 $\frac{8}{10}$
Of sea salt.	0	22 $\frac{9}{10}$
Of iron combined with acidulous gas.	1	14 $\frac{4}{10}$
	0	0 $\frac{1}{10}$
	<hr/> 7 8 $\frac{1}{10}$ <hr/>	

It moreover contains 12 ounce measures of acidulous gas, beyond the quantity retained by the calcareous earth and iron in the heat of boiling water, and two ounce measures of atmospheric air.



S C A R-

SCARBOROUGH WATER.

A Winchester gallon of Scarborough Water contains

	dwt.	gr.
Of calcareous earth saturated with vitriolic acid in the form of selenite	2	14 $\frac{1}{2}$
Of calcareous earth combined with acidulous gas	2	4
Marine salt of magnesia	7	4 $\frac{3}{4}$
Iron combined with acidulous gas	0	2 $\frac{1}{2}$
	12	1 $\frac{3}{4}$

It likewise contains 96 ounce measures of acidulous gas, beyond the quantity retainable by the calcareous earth and iron in the heat of boiling water; and 4 ounce measures of phlogifticated air.

Reported *May 31, 1780.*

BRYAN HIGGINS.



G E R-

German Spa Waters,

FROM THREE DIFFERENT SPRINGS, viz.

POHOUN, SAUVENIERE,

AND

CHEVRON OR BRU.

POHOUN is situated in the Middle of the Village of SPA; SAUVENIERE a Mile and a half distant from it; and CHEVERON or BRU about three Miles from SPA.

Dr. HIGGINS

Has made the following REPORTS on these
WATERS.

POHOUN

POHOUN WATER.

A Winchester gallon of Pohoun Water contains

dwt. gr.

Of calcareous earth combined with acidulous gas	12	
Of magnesia combined with acidulous gas	17	$\frac{2}{10}$
Of mild mineral alkali weighed in the crystal- line form	16	$\frac{8}{10}$
Of iron combined with acidulous gas	3	$\frac{5}{10}$
Of sea salt	7	$\frac{8}{10}$
Of mineral oleaginous matter		$\frac{1}{10}$
<hr/>		
	2	9 $\frac{4}{10}$
<hr/>		

It likewise contains 132 ounce measures of acidulous gas, exclusive of the quantity retained in the calcareous earth, magnesia, mineral alkali and iron, in the heat of boiling water; and $3\frac{1}{2}$ ounce measures of atmospheric air.



CHEV.

CHEVRON OR BRU WATER.

A Winchester gallon of Chevron or Bru Water contains

	<i>gr.</i>
Of calcareous earth combined with acidulous gas	6 $\frac{1}{2}$
Of magnesia combined with acidulous gas	7 $\frac{1}{2}$
Of iron combined with acidulous gas	3
Of mild mineral alkali weighed in the crystalline } form	$\frac{1}{2}$
	<hr/> 17 $\frac{1}{2}$ <hr/>

It moreover contains 124 ounce measures of acidulous gas, beyond the quantity retained by the calcareous earth, magnesia, iron and mineral alkali, in the heat of boiling water; and 1 $\frac{1}{2}$ ounce measure of atmospheric air.



SAUVENIERE WATER.

A Winchester gallon of Sauveniere Water contains

	<i>gr.</i>
Of calcareous earth combined with acidulous gas	6 $\frac{50}{100}$
Of magnesia combined with acidulous gas	4 $\frac{50}{100}$
Of iron combined with acidulous gas	2 $\frac{20}{100}$
Of mild mineral alkali weighed in the crystal- line form	} 1 $\frac{59}{100}$
Of sea salt	
Of mineral oleaginous matter	$\frac{60}{100}$
	$\frac{1}{100}$
	<hr/>
	15 $\frac{31}{100}$
	<hr/>

It likewise contains 108 ounce measures of acidulous gas, exclusive of the quantity retained in the calcareous earth, magnesia, mineral alkali and iron, in the heat of boiling water; and $1 \frac{1}{2}$ ounce measure of atmospheric air.

Reported June 30, 1780.

BRYAN HIGGINS.

P Y R.

PYRMONT WATER.

A Winchester gallon of Pyrmont Water contains

dwt. gr.

Of calcareous earth combined with vitriolic
acid in the form of selenite } 2 13 $\frac{2}{10}$

Of calcareous earth combined with acidulous gas 1 22

Of magnesia combined with acidulous gas 0 15 $\frac{5}{10}$

Of iron combined with acidulous gas 0 2 $\frac{6}{10}$

Of magnesia combined with vitriolic acid, or
of bitter cathartic salt P. L. } 1 6 $\frac{7}{10}$

Of sea salt 0 10 $\frac{1}{10}$

6 22 $\frac{2}{10}$

It likewise contains 192 ounce measures of acidulous gas, exclusive of the quantity retained in the heat of boiling water, by the calcareous earth, magnesia and iron; and one ounce measure of atmospheric air.



S. E. L. T. Z.

SELTZER WATER.

A Winchester gallon of Seltzer Water contains

	<i>dwt. gr.</i>		
Of calcareous earth combined with acidu- } lous gas	0	14	
Of magnesia combined with acidulous gas	0	20	$\frac{5}{10}$
Of mineral alkali weighed in crystalline form.	5	21	$\frac{6}{10}$
Of sea salt	3	20	$\frac{2}{10}$
Of mineral oleaginous matter	0	0	$\frac{2}{10}$
	<hr/>		
	11	4	$\frac{5}{10}$
	<hr/>		

It likewise contains 128 ounce measures of acidulous gas, exclusive of the quantity retained in the heat of boiling water, by the calcareous earth, magnesia and mineral alkali, and three and a half ounce measures of atmospheric air.

Reported July 1st, 1780.

BRYAN HIGGINS.



NEVIL

NEVIL HOLT WATER.

*A Winchester gallon of Nevil Holt Water
contains*

	<i>dwt. gr.</i>	
Of felenetic falt	4	12 $\frac{1}{2}$
Of bitter cathartic falt	5	0 $\frac{1}{4}$
Of marine argillaceous falt	5	18 $\frac{1}{4}$
Of marine falt of magnesia	0	18
	<hr/>	
	16	1
	<hr/>	

It moreover contains twelve ounce measures of acidulous gas, and two of atmospheric air.

Reported *August 22, 1780.*

BRYAN HIGGINS.



D R I-

DRIBURG WATER.

THIS water, which has the highest reputation abroad, springs in a pleasant plain, about half a mile from the town of Driburg in Westphalia. Dr. *Higgins* has made the following report on it.

A Winchester gallon of Driburg Water contains

dwt. gr.

Of calcareous earth combined with vitriolic acid in the form of selenite	}	3	2
Of calcareous earth combined with acidulous gas	2	16	$\frac{1}{2}$
Of magnesia combined with acidulous gas	0	11	$\frac{3}{4}$
Of magnesia combined with vitriolic acid, or bitter cathartic salt	}	1	12
Of marine salt of magnesia	0	9	$\frac{3}{4}$
Of iron combined with acidulous gas	0	2	$\frac{3}{4}$
Of sea salt	0	2	
		8	18 $\frac{3}{4}$

It moreover contains 208 ounce measures of acidulous gas, exclusive of the quantity retained in the heat of boiling water, by the calcareous earth, magnesia and iron; and four ounce measures of atmospheric air.

Reported *August 22, 1780.*

BRYAN HIGGINS.

Note. The elastic fluids were measured in temperate air, under the mean pressure of the atmosphere.

PROPER

PROPER testimonials of these waters being in the highest perfection at the time of filling and of the analysis, are ready to be produced by Mr. ELLISON ; who hopes that his having been thus instrumental in ascertaining the real contents, and consequently the true medicinal virtues of the most useful mineral waters, will recommend him to the patronage of medical gentlemen, and the favour of the public.

The celebrated Water of Jessop's Well, the Tilbury Alterative Water, at West Tilbury Hall, of both which Mr. Ellison is sole Proprietor, and all the Foreign and English Mineral Waters, continue to be sold in the highest perfection,

By J O H N E L L I S O N,

At his MINERAL WAREHOUSE, *St. Alban's-street, Pall Mall*; and at his Warehouse near *Red-Lion-street, Whitechapel*.

